

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|---------------------|
| L1 | 416 | (52/745.2).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/05/14 18:06 |
| L2 | 857 | (52/745.19).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/05/14 18:07 |
| L3 | 90 | (52/587.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/05/14 18:27 |
| L4 | 8609 | ((52/800.12) or (52/716.8) or (52/587.1) or (52/780) or (52/781) or (52/282.1) or (52/282.2) or (52/282.3) or (52/282.4) or (52/275) or (52/364) or (52/235) or (52/745.2) or (52/745.19) or (403/408.1) or (403/21) or (403/22) or (403/299) or (190/24) or (190/107) or (190/122)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/05/14 18:29 |
| L5 | 715787 | @pd>"20100113" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/05/14 18:30 |
| L6 | 93 | 4 and 5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/05/14 18:30 |
| L8 | 471 | (panel and (screw nail fastener) and (joint (join\$3 adj member)) and (insert adapt\$4)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/05/14 18:40 |
| L9 | 308 | (panel and (screw nail fastener) and (joint (join\$3 adj member)) and (insert adapt\$4) and connect\$4).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/05/14 18:40 |
| L10 | 150 | (panel and (screw) and (joint (join\$3 adj member)) and (insert adapt\$4) and connect\$4).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/05/14 18:40 |

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|-----|--------|---|--|----|-----|---------------------|
| S2 | 4 | ("3381430" "3861101" "3885765").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/20 13:17 |
| S3 | 16 | ("3381430").URPN. | USPAT | OR | ON | 2008/08/20 13:20 |
| S4 | 234 | (52/282.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 13:23 |
| S5 | 158 | (52/282.2).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 14:56 |
| S6 | 257 | (52/282.3).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 15:03 |
| S7 | 228 | S6 not (S4 S5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 15:03 |
| S8 | 349 | (52/800.12).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 15:32 |
| S9 | 1020 | (403/408.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 15:55 |
| S10 | 1019 | S9 not (S4 S5 S6 S8) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 15:55 |
| S11 | 191 | (52/716.8).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 16:09 |
| S12 | 501 | (52/780).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 16:14 |
| S13 | 460 | S12 not (S9 S11 S4 S5 S6 S8) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 16:14 |
| S14 | 926 | (52/781).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 16:29 |
| S15 | 843 | S14 not (S9 S12 S11 S4 S5 S6 S8) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 16:29 |
| S16 | 84 | (52/587.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 16:42 |
| S17 | 283 | (403/169).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 16:47 |
| S18 | 94248 | ("403").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 16:59 |
| S19 | 167544 | ("248").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 16:59 |
| S20 | 155745 | ("52").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 16:59 |
| S22 | 27331 | (panel with (joint or connector)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 16:59 |

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|-----|------|--|--|----|----|---------------------|
| S23 | 1672 | S22 and (S18 S19 S20) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 17:05 |
| S24 | 188 | S23 and (screw or nail or fastener).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 17:05 |
| S25 | 224 | S23 and (channel or tube).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 17:07 |
| S26 | 37 | S24 and S25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 17:07 |
| S27 | 195 | ((glass adj panel) with (joint or connector)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 17:13 |
| S28 | 13 | S27 and (S18 S19 S20) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/20 17:13 |
| S30 | 55 | ("1114724" "1433621" "1725507" "2040010" "20020040957" "20030115826" "20030145556" "20050166485" "20060175524" "3032149" "3342444" "3630474" "3693310" "3694978" "3932149" "0373240" "4068436" "4269010" "4269010" "4589500" "4655023" "4694863" "0403977" "5039256" "5082231" "5156454" "5255480" "5520479" "5632464" "5678382" "5816554" "5946871" "5984587" "6095081" "6240689" "6336620" "6640517" "6752362" "6857808" "6953180" "0612052" "0612052" "0612052" "7191569" "0897417" "0907101" "D297370"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/20 17:16 |

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|-----|------|---|---------------------------|----|-----|---------------------|
| S31 | 43 | ("3086627" "3159250" "3295283" "3451183" "3503166" "3513606" "3528559" "3566561" "3612287").PN. OR ("3782048").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/20 17:20 |
| S32 | 16 | ("3381430").URPN. | USPAT | OR | ON | 2008/08/20 17:24 |
| S33 | 30 | ("0731138" "2051707" "2461916" "3139958" "3210808" "3893269" "4100704" "4606162" "4663896" "4761927" "4872297" "4934115"). PN. OR ("5826380").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/20 17:26 |
| S34 | 24 | ("0731138" "2642018" "3139958" "3210808" "3893269" "4438605" "4823531" "4872297" "4934115" "5144776" "5398376" "5826380"). PN. OR ("6119410").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/20 17:38 |
| S35 | 287 | (52/282.4).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:23 |
| S36 | 26 | ("3559357").URPN. | USPAT | OR | ON | 2008/08/21 09:31 |
| S37 | 469 | (52/275).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:47 |
| S38 | 234 | (52/282.1).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |
| S39 | 158 | (52/282.2).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |
| S40 | 258 | (52/282.3).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |
| S41 | 349 | (52/800.12).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |
| S42 | 1020 | (403/408.1).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |
| S43 | 191 | (52/716.8).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |
| S44 | 501 | (52/780).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |
| S45 | 926 | (52/781).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |
| S46 | 84 | (52/587.1).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |
| S47 | 283 | (403/169).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 09:48 |

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| S48 | 422 | S37 not (S35 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 09:48 |
| S49 | 668 | Asbury.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 12:26 |
| S50 | 13 | S49 and panel.ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 12:26 |
| S51 | 14 | ("3176808" "3231288" "3523395").PN. OR ("4372701").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/21 14:17 |
| S52 | 21 | ("3070646").URPN. | USPAT | OR | ON | 2008/08/21 14:25 |
| S53 | 22 | ("2118998" "2268636" "2751109" "3070646" "3267631" "3370871" "3528559").PN. OR ("3675954").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/21 14:26 |
| S54 | 5 | ("1813909").URPN. | USPAT | OR | ON | 2008/08/21 14:29 |
| S55 | 41880 | (panel with projection) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:06 |
| S56 | 2403 | S55 and joint with panel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:06 |
| S57 | 234 | (52/282.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S58 | 158 | (52/282.2).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S59 | 258 | (52/282.3).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S60 | 349 | (52/800.12).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S61 | 1020 | (403/408.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S62 | 191 | (52/716.8).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S63 | 501 | (52/780).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S64 | 926 | (52/781).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S65 | 84 | (52/587.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |

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|-----|-------|--|--|----|-----|---------------------|
| S66 | 283 | (403/169).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S67 | 287 | (52/282.4).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S68 | 469 | (52/275).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S69 | 234 | (52/282.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S70 | 158 | (52/282.2).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S71 | 258 | (52/282.3).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S72 | 349 | (52/800.12).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S73 | 191 | (52/716.8).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S74 | 501 | (52/780).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S75 | 926 | (52/781).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S76 | 84 | (52/587.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S77 | 283 | (403/169).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:08 |
| S78 | 62 | S56 and (S57 S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:08 |
| S79 | 399 | (drywall or (dry adj wall)) with anchor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:25 |
| S80 | 52 | ((drywall or (dry adj wall)) with anchor).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:26 |
| S81 | 191 | (411/84).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:28 |
| S82 | 216 | (411/85).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:28 |
| S83 | 201 | S82 not S81 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:35 |
| S84 | 68921 | ("211").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:38 |
| S85 | 65046 | ("411").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:38 |

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|------|--------|--|--|----|-----|---------------------|
| S86 | 0 | ("41and(46or47ors20)"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:39 |
| S87 | 155792 | ("52").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 15:39 |
| S88 | 219 | S79 and(S84 or S85 or S87) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:39 |
| S89 | 27332 | ((panel) with (joint or connector)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:56 |
| S90 | 417 | S89 and ((adaptor or adapter) with (joint or connector)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:57 |
| S91 | 26 | S89 and ((adaptor or adapter) with (joint or connector) with channel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 15:58 |
| S92 | 22 | S90 and (S84 S85 S87) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 16:00 |
| S93 | 416 | (52/364).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 16:32 |
| S94 | 863 | (52/235).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 16:32 |
| S96 | 403 | (S93 S94) and glass | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 16:32 |
| S97 | 303 | S96 and (fastener screw) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 16:33 |
| S98 | 136 | S96 and (fastener screw) and plastic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 16:34 |
| S99 | 147 | S96 and (fastener screw) and (plastic or polymer\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 16:34 |
| S100 | 80 | S96 and (fastener screw) and (plastic or polymer\$3) and (expand\$4 or expansion) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 16:34 |

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|------|----|---|---------------------------|----|----|---------------------|
| S103 | 17 | ("2310402" "20030138307" "3311517" "4029942" "4046933" "4581868" "4663228" "4680206" "4799346" "5106250" "5391411" "5885714" "6138434" "6632056" "6941721").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/21 16:39 |
| S104 | 71 | (US-20070266655-\$ or US- 20020100250-\$ or US- 20020110416-\$ or US- 20020121071-\$ or US- 20060096224-\$ or US- 20070224013-\$ or US- 20070166122-\$ or US- 20050188634-\$).did. or (US-3885765-\$ or US- 3861101-\$ or US-5644878- \$ or US-5285602-\$ or US- 4189885-\$ or US-7096637- \$ or US-4557091-\$ or US- 3782048-\$ or US-5826380- \$ or US-5033247-\$ or US- 4309856-\$ or US-3631644- \$ or US-4472075-\$ or US- 4372701-\$ or US-4348140- \$ or US-4056067-\$ or US- 6810635-\$ or US-6725624- \$ or US-6505448-\$ or US- 5901516-\$ or US-4513552- \$ or US-3866373-\$ or US- 7219681-\$ or US-3821870- \$ or US-6336620-\$ or US- 5632464-\$).did. or (US- 6119410-\$ or US-4936069- \$ or US-3675954-\$ or US- 4158938-\$ or US-3370871- \$ or US-6446414-\$ or US- 4964252-\$ or US-7070377- \$ or US-6038740-\$ or US- 4021129-\$ or US-5675619- \$ or US-6893199-\$ or US- 5791845-\$ or US-5341610- \$ or US-4680206-\$).did. or (US-3381430-\$ or US- 3397500-\$ or US-3111206- \$ or US-3820299-\$ or US- 0123708-\$ or US-3465488- \$ or US-3416823-\$ or US- 3082849-\$ or US-2976969- \$ or US-2728957-\$ or US- 2040010-\$ or US-3559357- \$ or US-3338012-\$ or US- 3070646-\$ or US-2667242- \$ or US-2448031-\$ or US- 2339220-\$ or US-2264243- | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/21 17:05 |

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| | | \$ or US-1813909-\$ or US-1513595-\$ or US-2429833-\$ or US-0950771-\$).did. | | | | |
| S105 | 19 | S104 and (glue or adhesive) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/21 17:06 |
| S106 | 21 | ("3070646").URPN. | USPAT | OR | ON | 2009/05/21 11:20 |
| S107 | 386 | panel same insert with thread\$4 with (fastener screrw nut bolt) | USPAT | OR | ON | 2009/05/21 12:29 |
| S108 | 24 | ("3339609" "3564798" "3861112" "4212610" "D165119" "D181800" "D198028").PN. OR ("5240543").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 12:33 |
| S109 | 194 | (411/84).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/21 12:47 |
| S110 | 221 | (411/85).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/21 12:47 |
| S111 | 206 | S110 not S109 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/21 12:50 |
| S112 | 195 | (190/24).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/21 12:53 |
| S113 | 351 | (190/107).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/21 12:53 |
| S114 | 390 | (190/122).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/21 12:53 |
| S115 | 30 | ("0355946" "0542574" "1057913" "1084360" "1265212" "1559942" "1908671" "2478563" "2724468" "2950792" "3962010" "4422212" "4540071" "4619363" "4743038" "4770312" "4813542" "5044476" "5634539" "5996749").PN. OR ("6604616").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 12:54 |

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|------|----|---|---------------------------|----|----|---------------------|
| S116 | 23 | ("1191313" "2691538" "3237779" "3342457" "3612585").PN. OR ("3885765").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 13:15 |
| S117 | 16 | ("3381430").URPN. | USPAT | OR | ON | 2009/05/21 13:16 |
| S118 | 31 | ("0731138" "2051707" "2461916" "3139958" "3210808" "3893269" "4100704" "4606162" "4663896" "4761927" "4872297" "4934115"). PN. OR ("5826380").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 13:20 |
| S119 | 25 | ("0731138" "2642018" "3139958" "3210808" "3893269" "4438605" "4823531" "4872297" "4934115" "5144776" "5398376" "5826380"). PN. OR ("6119410").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 13:20 |
| S120 | 22 | ("2118998" "2268636" "2751109" "3070646" "3267631" "3370871" "3528559").PN. OR ("3675954").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 13:26 |
| S121 | 21 | ("3316460" "3655087" "3862297" "3988869" "4020611" "4261148" "4689930" "4691483" "4748790" "4840440"). PN. OR ("4964252").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 13:33 |
| S122 | 23 | ("3261625" "3451183" "3537736" "3592493" "3858989").PN. OR ("4021129").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 13:38 |
| S123 | 32 | ("1050924" "2256548" "2718288" "2742117" "2968840" "2983001" "3018861" "3520084" "3553891" "3956863" "4011700" "4021129" "4251962" "4372082" "4447055" "4453346" "4527368").PN. OR ("4714367").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 13:49 |

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| S124 | 32 | ("1050924" "2256548" "2718288" "2742117" "2968840" "2983001" "3018861" "3520084" "3553891" "3956863" "4011700" "4021129" "4251962" "4372082" "4447055" "4453346" "4527368").PN. OR ("4714367").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 14:17 |
| S125 | 14 | ("3451181" "4076877" "4428705" "4716067" "4729705" "4800643" "4902180" "4941785" "5082405" "5240543" "5536344" "5713706"). PN. OR ("6497082").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 14:46 |
| S126 | 8 | ("3451181").URPN. | USPAT | OR | ON | 2009/05/21 14:47 |
| S127 | 32 | ("3130503" "3282015" "3339609" "3392225" "3461936" "3884006" "3918130" "4063582"). PN. OR ("4729705").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 14:49 |
| S128 | 29 | ("3241591" "3305996" "3366405" "3455201" "3508592").PN. OR ("3579942").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 14:51 |
| S129 | 3 | panel and (screw bolt) with off adj center with adjust\$4 with (insert nut) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 14:56 |
| S130 | 161 | panel and (screw bolt) with (chamfer\$4 fillet\$4) with (hole bore insert) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 14:58 |
| S131 | 37 | panel.ab. and (screw bolt) with (chamfer\$4 fillet\$4) with (hole bore insert) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 14:58 |
| S132 | 1172 | panel with (insert anchor) with thread\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:01 |
| S133 | 58 | S132 and (chamfer\$4 fillet \$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:02 |
| S134 | 92 | (screw bolt) and slop\$4 with adjust\$4 with connect \$4 with center\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:05 |
| S135 | 7 | (screw bolt) and slop\$4 with adjust\$4 with connect \$4 with center\$4 and panel | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:05 |
| S136 | 114 | ((anchor insert) and threaded and panel).ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:07 |

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| S137 | 14 | ("2208779" "5593263" "5873690" "5919019").PN. OR ("6283689").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:09 |
| S138 | 1056 | ((anchor insert) and threaded and panel) and funnel | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:12 |
| S139 | 3 | funnel with shape\$4 with (anchor insert) same panel same threaded | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:13 |
| S140 | 5 | funnel with shape\$4 with (anchor insert) same panel and threaded | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:15 |
| S141 | 61 | tapered with (anchor insert) same panel same threaded | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 15:16 |
| S142 | 23 | ("3261625" "3451183" "3537736" "3592493" "3858989").PN. OR ("4021129").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 17:09 |
| S143 | 98 | (US-20070266655-\$ or US-20020100250-\$ or US-20020110416-\$ or US-20020121071-\$ or US-20060096224-\$ or US-20070224013-\$ or US-20070166122-\$ or US-20050188634-\$ or US-20050047888-\$).did. or (US-3885765-\$ or US-3861101-\$ or US-5644878-\$ or US-5285602-\$ or US-4189885-\$ or US-7096637-\$ or US-4557091-\$ or US-3782048-\$ or US-5826380-\$ or US-5033247-\$ or US-4309856-\$ or US-3631644-\$ or US-4472075-\$ or US-4372701-\$ or US-4348140-\$ or US-4056067-\$ or US-6810635-\$ or US-6725624-\$ or US-6505448-\$ or US-5901516-\$ or US-4513552-\$ or US-3866373-\$ or US-7219681-\$ or US-3821870-\$ or US-6336620-\$ or US-5632464-\$).did. or (US-6119410-\$ or US-4936069-\$ or US-3675954-\$ or US-4158938-\$ or US-3370871-\$ or US-6446414-\$ or US-4964252-\$ or US-7070377-\$ or US-6038740-\$ or US-4021129-\$ or US-5675619-\$ or US-6893199-\$ or US-5791845-\$ or US-5341610- | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/22 09:55 |

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| | | \$ or US-4680206-\$ or US-D421133-\$ or US-7267229-\$ or US-5380382-\$ or US-5356255-\$ or US-5240543-\$ or US-6497082-\$ or US-4729705-\$ or US-3579942-\$ or US-7338241-\$ or US-6604616-\$ or US-3866381-\$ or US-7021014-\$.did. or (US-4714367-\$ or US-6173547-\$ or US-5273258-\$ or US-5338080-\$ or US-3451181-\$ or US-4428705-\$ or US-6264412-\$ or US-4621961-\$ or US-6283689-\$ or US-6164885-\$ or US-3783922-\$ or US-5443343-\$.did. or (US-3381430-\$ or US-3397500-\$ or US-3111206-\$ or US-3820299-\$ or US-0123708-\$ or US-3465488-\$ or US-3416823-\$ or US-3082849-\$ or US-2976969-\$ or US-2728957-\$ or US-2040010-\$ or US-3559357-\$ or US-3338012-\$ or US-3070646-\$ or US-2667242-\$ or US-2448031-\$ or US-2339220-\$ or US-2264243-\$ or US-1813909-\$ or US-1513595-\$ or US-2429833-\$ or US-0950771-\$ or US-2724468-\$ or US-3451181-\$.did. | | | | |
| S144 | 29 | S143 and adhesive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/22 09:55 |
| S145 | 2 | S143 and expand\$4 with rivet | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/22 10:54 |
| S147 | 35 | ("1813909" "2429833" "2448031" "2976969" "20020110416" "20050188634" "3070646" "3370871" "3381430" "3381430" "3559357" "3675954" "3782048" "3861101" "3866373" "3885765" "3885765" "4021129" "4309856" "4372701" "4513552" "4680206" "4964252" "5791845" "5826380" "6119410" "6505448" "7096637" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/22 13:08 |

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| | | "7219681").PN. | | | | |
| S148 | 71 | S143 not S147 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/22 13:09 |
| S149 | 87 | (52/587.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:14 |
| S150 | 354 | (52/800.12).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:14 |
| S151 | 195 | (52/716.8).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:14 |
| S152 | 506 | (52/780).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:14 |
| S153 | 929 | (52/781).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:14 |
| S154 | 243 | (52/282.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:15 |
| S155 | 162 | (52/282.2).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:15 |
| S156 | 262 | (52/282.3).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:15 |
| S157 | 288 | (52/282.4).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:15 |
| S158 | 473 | (52/275).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:15 |
| S159 | 426 | (52/364).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:16 |

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| S160 | 1077 | (52/235).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:16 |
| S161 | 1147 | (403/408.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:16 |
| S162 | 194 | (411/84).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:16 |
| S163 | 221 | (411/85).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/05/22 13:16 |
| S164 | 59064 | panel and (screw bolt) with nut | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/01/11 13:13 |
| S165 | 7080 | panel and (screw bolt) with nut with insert\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/01/11 13:16 |
| S166 | 1997 | panel with (screw bolt) with nut with insert\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/01/11 13:16 |
| S167 | 9 | ("3451181").URPN. | USPAT | OR | ON | 2010/01/11 13:19 |
| S168 | 23 | ("1619569" "1788612" "1979686" "3216305" "3451181" "3485282" "3579942" "3621557" "3651563" "3716092" "4259890" "4341053"). PN. OR ("4428705").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/11 13:21 |
| S169 | 973 | panel with (screw bolt) with nut with insert\$4 and (coupl\$4 join\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/01/11 13:28 |
| S170 | 288 | panel with (connector coupling joint) with (hole aperture) with nut with (bolt screw) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/01/11 13:48 |
| S171 | 263 | (403/299).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/11 14:04 |

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| S172 | 169 | (403/21).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/11 14:04 |
| S173 | 155 | (403/22).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/11 14:04 |
| S174 | 31 | ("0731138" "2051707" "2461916" "3139958" "3210808" "3893269" "4100704" "4606162" "4663896" "4761927" "4872297" "4934115"). PN. OR ("5826380").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/12 15:57 |
| S175 | 25 | ("0731138" "2642018" "3139958" "3210808" "3893269" "4438605" "4823531" "4872297" "4934115" "5144776" "5398376" "5826380"). PN. OR ("6119410").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/12 15:57 |
| S176 | 89 | (52/587.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:10 |
| S177 | 358 | (52/800.12).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:10 |
| S178 | 199 | (52/716.8).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:10 |
| S179 | 506 | (52/780).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:10 |
| S180 | 930 | (52/781).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:10 |
| S181 | 245 | (52/282.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:11 |
| S182 | 163 | (52/282.2).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:11 |

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| S183 | 264 | (52/282.3).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:11 |
| S184 | 292 | (52/282.4).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:11 |
| S185 | 474 | (52/275).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:11 |
| S186 | 427 | (52/364).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:11 |
| S187 | 1100 | (52/235).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:11 |
| S188 | 1166 | (403/408.1).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:11 |
| S189 | 194 | (411/84).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:11 |
| S190 | 223 | (411/85).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:12 |
| S191 | 197 | (190/24).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:12 |
| S192 | 365 | (190/107).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:12 |
| S193 | 391 | (190/122).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/01/13 10:12 |

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| S194 | 47 | ("1813909" "2429833" "2448031" "2976969" "20020110416" "20050188634" "3070646" "3370871" "3381430" "3381430" "3451181" "3559357" "3579942" "3675954" "3782048" "3861101" "3866373" "3866381" "3885765" "3885765" "4021129" "4309856" "4372701" "4513552" "4680206" "4714367" "4729705" "4964252" "5240543" "5380382" "5443343" "5791845" "5826380" "6119410" "6164885" "6497082" "6505448" "6604616" "7096637" "7219681"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 10:41 |
| S195 | 110 | (US-20070266655-\$ or US- 20020100250-\$ or US- 20020110416-\$ or US- 20020121071-\$ or US- 20060096224-\$ or US- 20070224013-\$ or US- 20070166122-\$ or US- 20050188634-\$ or US- 20050047888-\$ or US- 20090110471-\$ or US- 20090010704-\$).did. or (US-3885765-\$ or US- 3861101-\$ or US-5644878- \$ or US-5285602-\$ or US- 4189885-\$ or US-7096637- \$ or US-4557091-\$ or US- 3782048-\$ or US-5826380- \$ or US-5033247-\$ or US- 4309856-\$ or US-3631644- \$ or US-4472075-\$ or US- 4372701-\$ or US-4348140- \$ or US-4056067-\$ or US- 6810635-\$ or US-6725624- \$ or US-6505448-\$ or US- 5901516-\$ or US-4513552- \$ or US-3866373-\$ or US- 7219681-\$ or US-3821870- \$ or US-6336620-\$ or US- 5632464-\$).did. or (US- 6119410-\$ or US-4936069- \$ or US-3675954-\$ or US- 4158938-\$ or US-3370871- \$ or US-6446414-\$ or US- 4964252-\$ or US-7070377- \$ or US-6038740-\$ or US- | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2010/01/13 10:41 |

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| | | 4021129-\$ or US-5675619-\$ or US-6893199-\$ or US-5791845-\$ or US-5341610-\$ or US-4680206-\$ or US-D421133-\$ or US-7267229-\$ or US-5380382-\$ or US-5356255-\$ or US-5240543-\$ or US-6497082-\$ or US-4729705-\$ or US-3579942-\$ or US-7338241-\$ or US-6604616-\$ or US-3866381-\$ or US-7021014-\$).did. or (US-4714367-\$ or US-6173547-\$ or US-5273258-\$ or US-5338080-\$ or US-3451181-\$ or US-4428705-\$ or US-6264412-\$ or US-4621961-\$ or US-6283689-\$ or US-6164885-\$ or US-3783922-\$ or US-5443343-\$ or US-4341053-\$ or US-7344181-\$ or US-5791936-\$).did. or (US-3381430-\$ or US-3397500-\$ or US-3111206-\$ or US-3820299-\$ or US-0123708-\$ or US-3465488-\$ or US-3416823-\$ or US-3082849-\$ or US-2976969-\$ or US-2728957-\$ or US-2040010-\$ or US-3559357-\$ or US-3338012-\$ or US-3070646-\$ or US-2667242-\$ or US-2448031-\$ or US-2339220-\$ or US-2264243-\$ or US-1813909-\$ or US-1513595-\$ or US-2429833-\$ or US-0950771-\$ or US-2724468-\$ or US-3451181-\$ or US-3110372-\$ or US-2804180-\$).did. or (US-2252379-\$ or US-1669187-\$ or US-2932369-\$).did. or (JP-09053295-\$).did. or (KR-2008057780-\$).did. | | | | |
| S196 | 11 | (US-6604616-\$ or US-6497082-\$ or US-6164885-\$ or US-5443343-\$ or US-5380382-\$ or US-5240543-\$ or US-4729705-\$ or US-4714367-\$ or US-3866381-\$ or US-3579942-\$).did. or (US-3451181-\$).did. | USPAT; USOCR | OR | ON | 2010/01/13 10:41 |
| S197 | 71 | S195 not (S194 S196) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/01/13 10:41 |

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| S198 | 927 | (52/781).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/14 15:33 |
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5/ 14/ 2010 7:15:44 PM

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connector.wsp**